

Abstract of the Disclosure

An electric hand tool is described that includes a machine housing (1) with an electric motor (12) accommodated in the machine housing (11) for driving a tool (13), and a fan wheel (21) accommodated in the machine housing (11) for generating a cooling air current that flows through the machine housing (11), which said fan wheel creates a suction space (22) and a pressure space (23) on opposite sides when it rotates. To increase the performance of the electric hand tool with longer idle periods for the machine components, purposeful cooling is carried out by providing means for generating an additional air current, which said means are configured such that the additional air current flows to machine components that are located outside of or in a low-flow region of the cooling air current.

(Figure 1)